

Work Order ID 144712

April 22, 2016 12:21:09 PM

144712

Page 1

Item ID: D350-822-011 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: PA100 PUREair System for AS350/EC130
 Start Date: 5/24/2016 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 5/31/2016 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: SH 20160421 Run Start ***NR1***
 Date: Tooling: Date: Stop ***NR2***
 QC: Date: SPC (Y/N): Date:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
IIN-D350-822	E

100 ***100*** DOCUMENT CONTROL 0.00 **DAS 6** MAY 05 2016
 DC Memo 0.00
 Doc.Control -USB or Paperwork Photocopy bluefile & type labels per PPP D350-822-011 CHG002

MCS 160505
DAS 7
DAS 27
9-89

110 ***110*** Pick Kit 0.00
 Packaging Memo 0.00
 Packaging

MAY 11 2016
DAS 6 **DAS 28** **MAY 05 2016**
9-89 **9-89**

120 ***120*** QC4- 100% Inspect kits for completeness 0.00
 QC Memo 0.03
 Quality Control

DAS 27
9-89

MAY 11 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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OTHER : ☐																									

Work Order ID 144712

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Page 2

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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
125	Consignment Stock	0.00							
125									
Outsourc10	Memo	0.00							
Consignment stock	Issue PO to GL account 50000-25 to LEAVE W/O OPEN UNTIL SOLD PO <u>31800</u> (Send copy of PO to Pall - James)								
	Issue W/O LINE item for Pall for amount sold on sales order S/O <u>125515</u> according to sales price see Warran for amount. (if sale price is \$23,000 - amount is \$13,400) PO can be received immediately and given to finance in order to close work order.								
130		0.00							
130									
Packaging	Packaging	0.00							
Packaging	Memo								
	Identify and pack for shipping as per PPP D350-822-011 Location: _____								

DAS
27
9-89

MAY 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																				
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Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																				
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Misidentified ☐	Past Due ☐																								

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Page 3

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N900040100Setup Start ***NS1***

Revision ID:

Item Name: PA100 PUREair System for AS350/EC130

Stop ***NS2***Start Date: 5/24/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 5/31/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursTool ID Tool # Plan
CodeAccept
QtyReject
QtyReject
Number Insp.
Stamp

140

QC21 - Final Inspection - Work Order Release

0.00

140

QC

Memo

0.10

Quality Control

MAY 12 2016

MS

MAY 12 2016

MS

DQA: _____ Date: _____



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Picklist Print

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Page 1

Work Order ID: 144712

144712

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A ~ 14.02.20 NEW ISSUE DD VERF:JLM IPP
REV:B 14.06.18 AS PER IIN REV.C DD VERF:JLM IPP REV:C
15.06.03 AS PER IIN REV.D DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
NAS1149D0332J		Purchased		No			Each	1,480.000		58			

NAS1149D0332.J

Washer

DAS
6 26
9-89 9-89

Location	Loc Qty	Loc Code
CA	6	
m129682	6	
FP001	4	
m133988	4	
GA	88	
m132677	88	
ST260a	1000	
m134502	1000	
ST264	382	
m133988	382	

DAS
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9-89

58

QR10616

Purchased

No

Each

10.0000

1

QR10616

Vortex Tube Repair

DAS
28
9-89

Location	Loc Qty	Loc Code
MEZZpall	6	
m129631	2	
m129914	4	
QC INSP	4	
m133995	4	

DAS
27
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MAY 06 2016
DAS
6

Picklist Print

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Parent Item: D350-822-011

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Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

QB21304	Purchased	No	Each	6.0000	1	DAS 6 9-89	DAS 28 9-89
QB21304							
PUREair Panel Assembly							

DAS
27
9-89

Location

Loc Qty

Loc Code

MEZZpall

6

118409

6

Each

6.0000

1

DAS

6

9-89

DAS

28

9-89

QB21310	Purchased	No	Each	6.0000	1	DAS 6 9-89	DAS 28 9-89
QB21310							
Transition Duct Assembly							

DAS
27
9-89

Location

Loc Qty

Loc Code

MEZZ2

4

m129914

4

MEZZpall

2

m129631

2

Each

6.0000

1

DAS

6

9-89

DAS

27

9-89

QB21308	Purchased	No	Each	6.0000	1	DAS 6 9-89	DAS 27 9-89
QB21308							
Fod Screen Assembly							

DAS
28
9-89

Location

Loc Qty

Loc Code

MEZZ2

4

m129914

4

MEZZpall

2

m129631

2

Each

153.0000

15

DAS

6

9-89

DAS

28

9-89

LN29985-A05	Purchased	No	Each	153.0000	15	DAS 6 9-89	DAS 28 9-89
LN29985-A05							
Anchor Nut							

DAS
27
9-89

Location

Loc Qty

Loc Code

st555

113

m133062

113

ST563

40

m134586

40

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Work Order ID: 144712

144712

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

LN9038-05018

Purchased

No

Each

580.0000

56

DAS

I N9038-05018

DAS

28

Bolt

6 9-89

Location

Loc Qty

Loc Code

st555

280

M132419

280

ST564

100

M134466

50

M134571

50

ST569

200

M134586

200

DAS
27
9-89

56

BS4320-A5

Purchased

No

Each

24.0000

56

DAS

BS4320-A5

DAS
28
6 9-89

Washer (NAS1149D332J)

DAS
27
9-89

Location

Loc Qty

Loc Code

MEZZpall

24

M129914

24

MS20426AD3-3

Purchased

No

Each

3,080.000

40

MS20426AD3-3

DAS
28
6 9-89

RIVET

Location

Loc Qty

Loc Code

GA

994

M131624

994

ST312

2086

M131624

2086

DAS
27
9-89

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650.0401

Purchased

No

Each

24.0000

1

650 0401

DAS
28
6 9-89

PUREair Fairing Assembly

DAS
27
9-89

Location

Loc Qty

Loc Code

FG109

24

132155

24

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Work Order ID: 144712

144712

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

D4925-041 Manufactured No

Each 0.0000

1

D4925-041

**

143772

DAS 28 9-89

Mounting Plate Assembly

D4931-1 Manufactured No

Each 2.0000

1

D4931-1

**

144653

DAS 28 9-89

Engine Fitting (for acft models B2 & previous)

Location

Loc Qty

Loc Code

st138

2

121325

2

D4931-3 Manufactured No

Each 12.0000

1

D4931-3

**

DAS 28 9-89

Engine Fitting (for B3 models)

Location

Loc Qty

Loc Code

st138

12

120907

8

121326

4

D4931-5 Manufactured No

Each 15.0000

1

D4931-5

**

DAS 28 9-89

Engine Fitting (for B3e models)

Location

Loc Qty

Loc Code

st138

15

120908

10

121327

5

D4935-1 Manufactured No

Each 11.0000

6

D4935-1

**

144648

DAS 28 9-89

Mounting Bracket

Location

Loc Qty

Loc Code

ST139

11

135545

11

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Work Order ID: 144712

144712

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

D4943-1

Manufactured No

Each

32.0000

1

D4943-1

Flex Hose

DAS
6
9-89

Location

Loc Qty

Loc Code

ST220a

16

119753

5

119754

8

119755

3

st220b

16

119751

8

119752

8

DAS
27
9-89

D4961-041

Manufactured No

Each

5.0000

1

D4961-041

Tube Assembly

DAS
6
9-89

Location

Loc Qty

Loc Code

ST139

5

137235

2

141335

3

DAS
27
9-89

D4961-043

Manufactured No

Each

6.0000

1

D4961-043

Tube Assembly

DAS
6
9-89

Location

Loc Qty

Loc Code

ST140

6

134859

2

137069

2

138170

2

DAS
27
9-89

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Work Order ID: 144712

144712

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

D5079-1

Purchased No

Each 14.0000

D5079-1

Placard, EAPS

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST148

14

130339

2

140766

12

D5090-041

Manufactured No

Each 2.0000

D5090-041

Duct Assembly

**

DAS
27
9-89

Location

Loc Qty

Loc Code

cck008

2

136658

2

D5105-1

Manufactured No

Each 8.0000

D5105-1

Handle

**

DAS
27
9-89

Location

Loc Qty

Loc Code

st151

8

121244

8

D5110-1

Manufactured No

Each 15.0000

D5110-1

Swivel Nut Fitting

**

Location

Loc Qty

Loc Code

ST152

15

138446

3

143630

12

DAS
27
9-89

68-6
82
DAS
6
9-89
SYD

68-6
82
DAS
6
9-89
SYD

68-6
82
DAS
6
9-89
SYD

68-6
82
DAS
6
9-89
SYD

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DAS
6
9-89

MAY 06 2016

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Work Order ID: 144712

144712

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

D5179-1 Manufactured No

Each 4.0000

2

D5179-1

**

144643

DAS 6 28
9-89 1-00

Doubler

DAS
27
9-89

Location

Loc Qty

Loc Code

ST249

4

134759

4

D5179-3 Manufactured No

Each 4.0000

2

D5179-3

**

144651

DAS 6 28
9-89 9-89

Doubler

DAS
27
9-89

Location

Loc Qty

Loc Code

ST249

4

134760

4

D5194-1 Manufactured No

Each 4.0000

2

D5194-1

**

144649

DAS 6 28
9-89 9-89

Doubler

DAS
27
9-89

Location

Loc Qty

Loc Code

ST249

4

134761

4

D5208-041 Manufactured No

Each 8.0000

3

D5208-041

**

Blanking Plate Assembly

DAS 6 28
9-89 9-89

Location

Loc Qty

Loc Code

ST158

8

135405

2

138043

6

DAS
27
9-89

3

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Work Order ID: 144712

144712

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

8411999090

Purchased No

Each 9.0000

1

DAS

8411999090

Gasket - P/N 9752100180

**

6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST564

4

m132879

4

ST589

5

m133898

5

9752018044

Purchased No

Each 14.0000

1

9752018044

Gasket (for B3 models)

**

6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST564

6

m129550

6

ST589

8

m134540

8

9945000120

Purchased No

Each 14.0000

1

9945000120

Gasket (for B3e models)

**

6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST564

6

m129550

6

ST589

8

m134540

8

23350CA050

Purchased No

Each 63.0000

2

23350CA050

WASHER

**

6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST568

63

m129609

63

DAS

27

9-89

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Work Order ID: 144712

144712

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

AN821-12J

Purchased

No

Each

24.0000

2

AN821-12J

Elbow (or AN821-12K or 12S)

DAS 26
6 9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK004

12

m134544

12

CCK006

9

m132479

9

ST324

3

m129769

3

AN929-12J

Purchased

No

Each

12.0000

1

AN929-12J

Cap

DAS 28
6 9-89 DAS 28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST322

12

m129764

12

EN3686-050016

Purchased

No

Each

26.0000

2

FN3686-050016

Screw

DAS 28
6 9-89 DAS 28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST559

26

m132539

11

m134586

15

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Work Order ID: 144712

144712

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

LN9038-05012

Purchased

No

Each

316.0000

32

I N9038-05012

Bolt

DAS
27
9-89

Location

Loc Qty

Loc Code

st555

116

m132519

116

ST564

200

m134466

100

m134571

100

DAS
28
6
9-89

32

LN9038-05040

Purchased

No

Each

12.0000

1

I N9038-05040

Bolt

DAS
27
9-89

Location

Loc Qty

Loc Code

st555

8

m132423

8

ST564

4

m134466

4

DAS
28
6
9-89

1

LN9348-05

Purchased

No

Each

270.0000

26

I N9348-05

Nut

DAS
27
9-89

Location

Loc Qty

Loc Code

st555

90

m132519

90

ST564

180

m134466

180

DAS
28
6
9-89

26

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Work Order ID: 144712

144712

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/24/2016

Required Date: 5/31/2016

Start Qty: 1.00

Required Qty: 1.00

MS20470AD3-4

Purchased

No

Each

1,642.000

18

MS20470AD3-4

Rivet, Universal Head

68-6

82

SVG

Location

Loc Qty

Loc Code

GA

556

111477

556

ST310

1086

111477

1086

Each

16.0000

1

DAS
68-6
82
SVG

MS21919WCH12

Purchased

No

MS21919WCH12

Clamp

Location

Loc Qty

Loc Code

ST291

16

m130358

6

m134527

10

Each

23.0000

1

DAS
68-6
82
SVG

MS9592-138

Purchased

No

MS9592-138

Bracket

Location

Loc Qty

Loc Code

ST267

23

m132479

23

Each

28.0000

1

DAS
68-6
82
SVG

NAS43DD3-64

Purchased

No

NAS43DD3-64

Spacer

Location

Loc Qty

Loc Code

GA

8

m132461

8

ST550

20

m134544

20

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71.10. PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	D350-822-011	PA100 PUREAIR SYSTEM
1	QR10616	TUBE REPAIR KIT
1	QB21304	PUREAIR PANEL ASSY
1	QB21310	TRANSITION DUCT ASSY
1	QB21308	FOD SCREEN ASSY
15	LN29985-A05	ANCHOR NUT
56	LN9038-05018	BOLT
56	BS4320-A5	WASHER
40	MS20426AD3-3	RIVET
1	650.0401	PUREAIR FAIRING ASSY
1	D4925-041	MOUNTING PLATE ASSY
1	D4931-1	ENGINE FITTING*
1	D4931-3	ENGINE FITTING*
1	D4931-5	ENGINE FITTING*
6	D4935-1	MOUNTING BRACKET
1	D4943-1	FLEX HOSE
1	D4961-041	TUBE ASSEMBLY
1	D4961-043	TUBE ASSEMBLY
2	D5079-1	PLACARD
1	D5090-041	DUCT ASSEMBLY
2	D5105-1	HANDLE
1	D5110-1	SWIVEL NUT FITTING
2	D5179-1	DOUBLER
2	D5179-3	DOUBLER
2	D5194-1	DOUBLER
3	D5208-041	BLANKING PLATE ASSY
1	8411999090	GASKET*
1	9752018044	GASKET*
1	9945000120	GASKET*
2	23350CA050	LOCKING TAB
2	AN821-12J	ELBOW (OR AN821-12K OR AN821-12S)
1	AN929-12J	CAP
58	BS4320-A5	WASHER (OR NAS1149D0332J)
2	EN3686-050016	*SCREW
32	LN9038-05012	BOLT
1	LN9038-05040	BOLT
26	LN9348-05	NUT
18	MS20470AD3-4	RIVET
1	MS21919WHG12	CLAMP
1	MS9592-138	BRACKET
1	NAS43DD3-64	SPACER

* USE APPROPRIATE FITTING/GASKET BASED ON ENGINE INSTALLATION

5.0 PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	D350-822-011	PA100 PUREAIR SYSTEM
1	QR10616	TUBE REPAIR KIT
1	QB21304	PUREAIR PANEL ASSY
1	QB21310	TRANSITION DUCT ASSY
1	QB21308	FOD SCREEN ASSY
15	LN29985-A05	ANCHOR NUT
56	LN9038-05018	BOLT
56	BS4320-A5	WASHER
40	MS20426AD3-3	RIVET
1	650.0401	PUREAIR FAIRING ASSY
1	D4925-041	MOUNTING PLATE ASSY
1	D4931-1	ENGINE FITTING*
1	D4931-3	ENGINE FITTING*
1	D4931-5	ENGINE FITTING*
6	D4935-1	MOUNTING BRACKET
1	D4943-1	FLEX HOSE
1	D4961-041	TUBE ASSEMBLY
1	D4961-043	TUBE ASSEMBLY
2	D5079-1	PLACARD
1	D5090-041	DUCT ASSEMBLY
2	D5105-1	HANDLE
1	D5110-1	SWIVEL NUT FITTING
2	D5179-1	DOUBLER
2	D5179-3	DOUBLER
2	D5194-1	DOUBLER
3	D5208-041	BLANKING PLATE ASSY
1	8411999090	GASKET*
1	9752018044	GASKET*
1	9945000120	GASKET*
2	23350CA050	LOCKING TAB
2	AN821-12J	ELBOW (OR AN821-12K OR AN821-12S)
1	AN929-12J	CAP
58	BS4320-A5	WASHER (OR NAS1149D0332J)
2	EN3686-050016	SCREW
32	LN9038-05012	BOLT
1	LN9038-05040	BOLT
26	LN9348-05	NUT
18	MS20470AD3-4	RIVET
1	MS21919WHG12	CLAMP
1	MS9592-138	BRACKET
1	NAS43DD3-64	SPACER

* USE APPROPRIATE FITTING/GASKET BASED ON ENGINE INSTALLATION